

1 **DIAGNOSING FAULTS AND ERRORS FROM A DATA REPOSITORY USING**
2 **DIRECTED GRAPHS**

3 **ABSTRACT**

4 Faults and errors are diagnosed from a repository of directed graphs. Subsets of
5 all the possible questions and answers in the fault diagnosis process are encoded as
6 directed graphs. Downloading subsets from a repository to a remote user substantially
7 reduces the number of transmissions between the user and the repository.